



Lolium perenne

Plant Breeder: Dr. William Meyer, Pure Seed Testing, Inc.
New Jersey Agricultural Experiment Station, Rutgers University
Experimental Designation - PST-28M

Wind Star is a stable and uniform variety of perennial ryegrass that has been tested and evaluated in several tests including the 1990 NTEP Perennial Ryegrass Test. It ranked **16th** out of 123 varieties overall in the 1993 NTEP quality ratings with an overall mean rating of 6.0 which was not statistically different from the number one rated variety. This variety exhibits outstanding wear tolerance and drought tolerance. *Wind Star* was highly rated for its mowing quality.

Characteristics:

- Excellent fall performance
- Very fine-textured, excellent turf density
- Dark blue-green color, superb winter color retention
- High shade tolerance
- Heat tolerant north of the transition zone
- Superior Brown Patch resistance
- Excellent performance as an overseeding perennial ryegrass in the south

Recommended Use:

Golf Courses (fairways, tees & roughs), Parks, Home Lawns, Athletic Fields, and Overseeding Warm Season Turfgrasses

Climatic Zones:

3, 4, 5, 6, 7, 8, 9, 10 (may not be adaptable to all areas within each climatic zone)

Establishment & Maintenance:

Lime soil to 6.0 – 7.0 pH and follow soil test recommendations for fertilization. Under ideal conditions, germination begins in 6 days. Full germination may take up to 14 days. Subject to germination rate, first mowing may begin at 21 days after sowing.

Seeding Rates:

- Lawns, Parks, Permanent Turf 5 - 10 lbs /1000 sq ft
(2 – 5 kgs/100 sq meters)
- Fairways and Roughs (overseeding) 5 - 15 lbs/1000 sq ft
(2 – 7 kgs/100 sq meters)
- Greens (overseeding) 25 - 35 lbs/1000 sq ft
(11 – 15 kgs/100 sq meters)
- Tees (overseeding) 15 - 20 lbs/1000 sq ft
(6 1/2 - 9 kgs/100 sq meters)

Quality Ratings:

Table 1. **MEAN TURFGRASS QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
GROWN AT THIRTY LOCATIONS IN THE U.S.
1995-98 DATA FROM THE 1994 TEST
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF**

NAME	QUALITY MEAN
PALMER III (LRF-94-MPRH)	6.3
BRIGHTSTAR	6.0
WIND STAR	5.9
TOP GUN	5.9
QUICKSTART	5.7
PRECISION	5.7
STARDANCE	5.5
LINN	3.5
LSD VALUE	0.1

Table 9. **WEAR TOLERANCE RATINGS OF PERENNIAL RYEGRASS CULTIVARS
1995-98 DATA FROM THE 1994 TEST
WEAR TOLERANCE RATINGS 1-9, 9-MAXIMUM TOLERANCE**

NAME	QUALITY MEAN
BLACKHAWK (TMI-EXFLP94)	5.3
WIND STAR	5.0
TOP GUN	4.0
PRECISION	3.7
QUICKSTART	3.0
BRIGHTSTAR	2.7
STARDANCE	2.7
LINN	1.7
LSD	1.8

Table 38. **MOWING QUALITY RATINGS OF PERENNIAL RYEGRASS CULTIVARS
1995-98 DATA FROM THE 1994
MOWING QUALITY RATINGS 1-9, 9=BEST**

NAME	QUALITY MEAN
PALMER III (LRF-94-MPRH)	7.3
WIND STAR	6.8
BRIGHTSTAR	6.3
PRECISION	6.2
STARDANCE	6.0
QUICKSTART	5.8
TOP GUN	5.7
LINN	2.8
LSD VALUE	0.8

These examples represent 8 of the 96 varieties tested in the National Turfgrass Evaluation Program, Final Report 1995-98, NTEP No. 99-11 from the 1994 test. For complete trial data, go to www.ntep.org.